

10/518456

DT01 Rec'd PCT/PTC 22 DEC 2004

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1. (Currently Amended) An apparatus for storage of wood chips in a curved-top stockpile (3) the apparatus consisting of a central tower (5'), which supports a conveyor for loading the chips and a beam-like turning pile composer (6'), and an unloading beam (13', 13'') supported on ground level on the lower part (35) of the tower as well as on supporting wheels (29, 44, 45) and furnished with unloading devices (28) for transporting the wood chips towards the center (4) of the apparatus, ~~characterized in that~~ wherein the central tower is furnished at one side with a tube-like ex-centric opening (54) for receiving the wood chips, and that a central tube (51, 59) is occupied inside the tower for directing the wood chips upwards or downwards from the opening, whereby a service and passage space is formed between the mantle of the central tower and the transfer tube.

Claim 2. (Currently Amended) The apparatus according to claim 1, ~~characterized in that~~ wherein the unloading devices (28) include a guiding plate (55) for directing the wood chips to the opening (54) in the central tower.

Claim 3. (Currently Amended) The apparatus according to claim 1 or 2, ~~characterized in that~~ , wherein the central (4) tube in the tower consists of a outer mantle of a vertical screw, the lower part (59) of which mantle being rotating along the lower part (35) of the tower.

Claim 4. (Currently Amended) The apparatus according to claim 1 or 2, ~~characterized in that~~ , wherein the central tube in the tower consists of a funnel (51) directing the material flow downwards.

Claim 5. (Currently Amended) An apparatus for storage of wood chips in a curved-top stockpile (3) the apparatus consisting of a central tower (5'), which supports a conveyor for loading the chips and a beam-like turning pile composer (6'), and an unloading beam (13', 13'') supported on ground level on the lower part (35) of the tower as well as on supporting wheels (29, 44, 45) and furnished with unloading devices (28) for transporting the wood chips towards the center (4) of the apparatus, ~~characterized in that~~ wherein:

- a carriage (42) has been arranged for supporting the unloading beam (13'') at a distance about 1/3 from the outer end of the beam,
- the unloading screw (28') is driven solely by a drive device (61) positioned inside the tower, and
- the stockpile yard is furnished with a wall (48) within the reach of the unloading screw (28') removing the material.

Claim 6. (New) The apparatus according to claim 2, wherein the central (4) tube in the tower consists of a outer mantle of a vertical screw, the lower part (59) of which mantle being rotating along the lower part (35) of the tower.

Claim 7. (New) The apparatus according to claim 2, wherein the central tube in the tower consists of a funnel (51) directing the material flow downwards.